



PTO/SB/08B(10-01)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/624,952
		Filing Date	July 22, 2003
		First Named Inventor	Radford et. al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	1684-5323 IUS (484-28290-IUS)
Sheet	2	of	2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		UK Patent Office Search Report dated November 6, 2003 (4 pages).	

Examiner Signature		Date Considered	11/18/04
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¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
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Application Number	10/624,952
Filing Date	July 22, 2003
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Onit J.</i>	Date Considered	11/18/04
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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(2-92)

Sheet 1 of 2

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

1684-5323.1US
(484-28290-US)

Application Number

10/624,952

Applicant Radford et al.

Filing Date July 22, 2003

Group Art Unit Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,678,075	07/24/1928	Phipps			
	1,878,260	09/20/1932	Bunker			
	2,427,052	09/09/1947	Grant			
	2,834,578	05/13/1958	Carr			
	2,857,141	10/21/1958	Carpenter			
	3,051,255	08/28/1962	Deely			
	3,123,162	03/03/1964	Rowley			
	3,433,313	03/18/1969	Brown			
	3,556,233	01/19/1971	Gilreath et al.			
	4,565,252	01/21/1986	Campbell et al.			
	4,589,504	05/20/1986	Simpson			
	4,635,738	01/13/1987	Schillinger et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		The Andergauge Anderreamer and Security DBS NBR, A Differentiation Between Tools, Andergauge Drilling Systems, www.ndergauge.com .
		Anderreamer Reliable Underreaming Below Casing, Andergauge Drilling Systems, www.ndergauge.com .

EXAMINER

DATE CONSIDERED

11/18/04

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		Filing Date July 22, 2003		Group Art Unit Unknown			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
[Handwritten marks]	4,727,942	03/01/1988	Galle et al.				
	5,341,888	08/30/1994	Deschutter				
	5,368,114	11/29/1994	Tandberg et al.				
	5,402,856	04/04/1995	Warren et al.				
	5,495,899	03/05/1996	Pastusek et al.				
	5,497,842	03/12/1996	Pastusek et al.				
	5,582,258	12/10/1996	Tibbitts et al.				
	5,765,653	06/16/1998	Doster et al.				
	5,957,223	09/28/1999	Doster et al.				
	6,328,117 B1	12/11/2001	Berzas et al.				
	6,360,831 B1	03/26/2002	Åkesson et al.				
	6,510,906 B1	01/28/2003	Richert et al.				
[Handwritten marks]	2002/0166703 A1	11/14/2002	Presley et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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